STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1941)

1. Ruth W. Jordan, of Kirby,
   County of Big Horn, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Date not available, used: about 8 or 9 months every year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): A = 2 GPM, B = 3 G.P.M

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Natural flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No well, both springs have been developed

8. The depth of water table: Ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No well

10. The estimated amount of groundwater withdrawn each year: A = 1,000,000 Gal, B = 500,000 Gal

11. The log of formations encountered in the drilling of each well if available: No well

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: Ruth W. Jordan
Date: 12/26/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this 30th day of December 1963.

[Signature]
County Engineer

[Signature]
Deputy County Engineer

[Signature]
Secretary

County of Big Horn

[Signature]
State Engineer

The within instrument was filed in my office at Hardin, Montana, this 14th day of December 1963.

[Signature]
County Engineer

[Signature]
Deputy County Engineer

[Signature]
Secretary

County of Big Horn

[Signature]
State Engineer
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Date: March 15, 1963

File No. T...©.5 E.4O..E.:
County...Big Horn...

1. Ruth W. Jordan, of...Kirby...
   (Name of Appropriator)
   (Address)
   (Town)

   County of...Big Horn...
   State of Montana...

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   NE 1/4....Sec. 29 T.66 R. 48E

   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   N
   X
   W

   S

   E

   2. The beneficial use on which the claim is based

   Stock water in pasture

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been...

   Used 6 to 10 months every year since...

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

   No

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

   Windmill

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

   6-30-50

   8. The depth of water table

   24 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

   42" #7 casing

   7 ft deep

   10. The estimated amount of groundwater withdrawn each year

   650,000 gal

   11. The log of formations encountered in the drilling of each well if available

   0-20 Sandy clay

   20-28 Cool & water

   30-66 Sandy shale

   66-72 Shell

   72-72 Light shale

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

   None

   Signature of Owner... [Signature]
   Date... [Date]

   Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

   Please answer all questions. If not applicable, so state, otherwise the form will be returned.

   Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
The within instrument was filed in my office at Hardin, Montana, this 30th day of March, 1939, A.D. 1939.

Dated this 30th day of March, 1939 A.D. 1939.

[Signature]

[Seal]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ruth E. Jordan of Viry
   (Name of Appropriator)
   (Address)
   (Town)
   County of Big Horn
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Used for
   residential or yard; occasionally for stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   June 30, 1954; continuous use ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   10 GM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   6-20-58 to 9-28-58

8. The depth of water table
   25' and 80'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   47' 7' casing
   111' deep

10. The estimated amount of groundwater withdrawn each year
    500,000 gall

11. The log of formations encountered in the drilling of each well if available
    0-22 - Sandy soil
    22-27 -Quicksand & water
    27-58 - Gray shale
    58-111 - Sand rock

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    None

   Signature of Owner
   Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
MAR 20 1983, day of

at 3:00 o'clock P.M.

County Recorder

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

DECLARATION OF VESTED GROUNDWATER RIGHTS

State of Montana

Name: Ruth W. Jordan

County: Big Horn

Address: Kirby

Town: of

Date: March 21, 1963

State Engineer

Received for filing.

1. (Name of Appropriator) (Address) (Town)

County of Big Horn State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

Stock water in and near corral

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

0-28-59

Continuous use ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

10 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table

13' 5. 20'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

4" 37 casing

61' deep

10. The estimated amount of groundwater withdrawn each year

305,000 gal

11. The log of formations encountered in the drilling of each well if available

0 - 18 Red Shale

18 - 22 Gravel & water

22-40 Sandy shale

40 - 90 Sand rock

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

None

Signature of Owner

Date

March 10th, 1963

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ruth W. Jordan
   (Name of Appr)  
   Kirby
   (Address)  
   County of Big Horn
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1961, as follows:

   2. The beneficial use on which the claim is based
      Stock water.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Used since purchase of ranch, 1941, from 6 to 12 months each year, varying with year.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      A = 12 G.P.M.
      B = 5 G.P.M.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      No irrigation.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Natural flow.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Dates not available—both springs have had a great deal of work done by machine, both are trenched out.

   8. The depth of water table
      Ground level.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      No well.

   10. The estimated amount of groundwater withdrawn each year
       A = 6,000,000 gal
       B = 2,500,000 gal

   11. The log of formations encountered in the drilling of each well if available
       No well.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
       reference to book and page of any county record.

   Signature of Owner
   Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
DEG 3 Q 1963.

A. D. 19___
at __:__ o'clock PM.

Henry S. Calf
County Recorder

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ruth E. Jordan
   (Name of Appropriator)
   of
   (Address)
   (Town).

2. The beneficial use on which the claim is based: Stock water

3. Date or approximate date of earliest beneficial use: January 1, 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute): A = 4 G.P.M., B = 5 G.P.M., C = 2 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A, B, C, natural flow, water runs out by itself

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: A, B, C, have all had work done on them with backhoe, and other traction works. No data available, have been worked on at different times, several years.

8. The depth of water table: Ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No well

10. The estimated amount of groundwater withdrawn each year: 1 = 2,000,000 gal., 2 = 2,000,000 gal., 3 = 1,000,000 gal.

11. The log of formations encountered in the drilling of each well if available: No drilling

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner: [Signature]

Date: 12/23/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Nestled Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

1. Ruth W. Jordan (Name of Appropriator)
   of 8 Kirby (Address)
   County of Big Horn (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Date not available, been-in-use many years; all-year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 G.P.M

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Natural Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... No well, spring has been dug out and piped into tank

8. The depth of water table... Ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... No well

10. The estimated amount of groundwater withdrawn each year... 1,000,000 gal

11. The log of formations encountered in the drilling of each well if available... No well

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner: Ruth W. Jordan
Date: 10/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

21747
STATE OF MONTANA

County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this

DEC 30 1983 day of

A.D. 19

at 1:57 o'clock P.M.

[Signature]
County Recorder

By [Signature], Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: About 1900

Owner: Canyon Creek Little, Address: Birney, Mont.

Contractor (if any): ____________________________
Address of Contractor: __________________________
Date Started: __________________ Date Completed: __________________
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Comes Scan Spring

Describe point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. About 30 gals per min

Signature of Owner: ____________________________
Date: Dec 28, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed
In my office at Hardin, Montana, this
December 31, 1963 day of
A.D. 1963
at 9:45 o'clock A.M.

Harry E. Cox
County Recorder
By: Robert Smith
D. gru.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>25</td>
<td>Kamuela Land Co.</td>
<td>GW3</td>
<td>198046</td>
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<td>35</td>
<td>Manns, Adell</td>
<td>GW3</td>
<td>306431</td>
<td></td>
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</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater  Many years ago

Owner Knowles Land Co. Address 2908 Ronan Dr.

Glady E Knowles Pres. Billings, Mont

Address of Contractor

Date Started  Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a spring which has been used for a long time, now is fixed with rocks, and a pipe conveys water to houses for domestic use.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermit-

I have no idea when this spring was developed and those who developed it are deceased.

Signature of Owner Glady E Knowles Date Feb. 9, 1962

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

FEB 16 1952
day of

_____ A.D. 19_

at 11:15 o'clock AM

[Signature]
County Recorder

By [Signature] Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 30, 1963
Owner: Adell Garney
Address: 
Contractor (if any): 
Address of Contractor: 
Date Started: 
Date Completed: 1932

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable:

Continuous Flowing Stream

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

Continuous Use

Signature of Owner: Adell Garney
Date: 12-30-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology for the Appropriator.
STATE OF MONTANA | ss.
County of Big Horn |

The within instrument was filed in my office at Hunt, Montana, this 24th day of DEC. 3, 1885 A.D. 19 __
at 3:15 o'clock p.m.

[Signature]

County Recorder

By: [Signature] Deputy
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Standish, Jeff</td>
<td>GW4</td>
<td>206793</td>
<td></td>
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<td>Standish, Bill</td>
<td>GW4</td>
<td>206794</td>
<td></td>
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<td>24</td>
<td>Standish, Bill</td>
<td>GW4</td>
<td>206795</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Anderson, Earl &amp; Harold P</td>
<td>GW4</td>
<td>206711</td>
<td></td>
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<tr>
<td>34</td>
<td>Anderson, Earl &amp; Harold P</td>
<td>GW3</td>
<td>206710</td>
<td></td>
</tr>
</tbody>
</table>
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

#### County of [Town] of [Name of Appropriator]

1. **County of** [Town] of [Name of Appropriator] have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: 
   - **Irrigation**
   - **Other Uses**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   - **Well watering in 1957**

4. The amount of groundwater claimed (in inches or gallons per minute): 
   - **3 gal per minute**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 
   - **Not used for irrigation**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 
   - **Electric Pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   - **1957**

8. The depth of water table: 
   - **8 feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 
   - **8 feet deep, six inch casing**

10. The estimated amount of groundwater withdrawn each year: 
    - **About 300 gal per day**

11. The log of formations encountered in the drilling of each well if available: 
    - **Not available**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: 
    - **None**

---

**Signature of Owner:** 

**Date:** 

---

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA

County of Big Horn

ss.

The within instrument was filed in my office at Hardin, Montana, this 8th day of January, 1964, at 1:57 p.m.

[Signature]
County Recorder

[Signature]
Deputy Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Dell Stenderich, of Lodge Grass
County of Big Horn State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Livestock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since then: 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: NOT USED FOR IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other works of withdrawal: Electr. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959

8. The depth of water table: 14 ft

9. So far as it may be available, the type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater: 14 ft

10. The estimated amount of groundwater withdrawn each year: About 330 gal per day

11. The log of formations encountered in the drilling of each well if available: NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Dell Stenderich
Date: Dec 31 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
JAN. 8, 1954 day of
A. D. 19

at _______ clock.

Harry L. Cast
County Recorder
By _______ Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Bell Standish
of Lodge Grass

County of Big Horn
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based - Horse and Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been - 1957 and am an evry acres

4. The amount of groundwater claimed (in miner's inches or gallons per minute) - 5 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof - not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater - 1957

8. The depth of water table - 8 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater - 8 feet deep, SIR WELL BATING

10. The estimated amount of groundwater withdrawn each year - about 300 gal per day

11. The log of formations encountered in the drilling of each well if available - Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record - None

Signature of Owner: Bell Standish
Date: Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this

JAN. 8, 1964 day of

A.D. 19

at 2:00 o'clock P.M.

Harry E. Case
County Recorder

By Ruby S. King, Deedee
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

[Name of Appropriator]
[Address]
[County of Appropriator]
[State of Montana]

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based:
   [State or Stock Water]

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   [Year] 1956
   [And until present]

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   [5 gal in a gallon]

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   [Acreage and description]

5. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   [Date]

6. The depth of water table:
   [6 feet]

7. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   [Description]

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   [SIX FEET DEEP, SIX INCH WELLS]

9. The estimated amount of groundwater withdrawn each year:
   [About 300 gal per day]

10. The log of formations encountered in the drilling of each well if available:
    [Not Available]

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    [None]

Signature of Owner:
[Signature]
[Date: Dec. 31, 1963]

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

COUNTY OF BIG HORN

The within instrument was filed in my office at Hardin, Montana, this 8th day of JAN, 1964.

By

[Signature]

County Recorder
#### Declaration of Vested Groundwater Rights

**(Under Chapter 237, Montana Session Laws, 1961)**

1. **Name of Approporator:** Carl H. Anderson  
   **Address:** Lodge Creek, Montana  
   **Town:**  
   **County:** Big Horn  
   **State:** Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945, Constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945

8. The depth of water table: 2

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Pipe, Standard

10. The estimated amount of groundwater withdrawn each year: 2

11. The log of formations encountered in the drilling of each well if available: None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

   Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approporator.
STATE OF MONTANA  \( \text{ss.} \)
County of Big Horn  \( \text{ss.} \)
The within instrument was filed
in my office at Hardin, Montana, this
\text{JAN} 2, 1964, day of
A.D. 19
at \( 4:30 \) o'clock P.M.
\( \text{By} \)
County Recorder
Deputy

\text{(signature)}
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. 1965

Owner. Address. Contractor (if any)

Address of Contractor

Date Started. Date Completed.

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural Processes.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use.

Indicate point of appropriation
and place of use, if possible.

Signature of Owner

Date

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; triplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Flo's Farm, Inc</td>
<td>Gw4</td>
<td>206476</td>
<td></td>
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<td>Gw4</td>
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<td>Wilson, Henry L.</td>
<td>Gw4</td>
<td>206425</td>
<td></td>
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<tr>
<td>10</td>
<td>Wilson, Henry L.</td>
<td>Gw3</td>
<td>206424</td>
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<tr>
<td>15</td>
<td>North, Kenneth</td>
<td>Gw2</td>
<td>239275</td>
<td></td>
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<tr>
<td>15</td>
<td>North, Kenneth</td>
<td>Gw2</td>
<td>239277</td>
<td></td>
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<tr>
<td>21</td>
<td>Indian Health Service</td>
<td>Gw2</td>
<td>18**</td>
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</tr>
<tr>
<td>21</td>
<td>Wells, Florence M.</td>
<td>Gw4</td>
<td>206705</td>
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<tr>
<td>34</td>
<td>Wells, Florence M.</td>
<td>Gw4</td>
<td>206703</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1957)

1. Esp & Sons, Inc. of Lodge Grass, Montana
   (Name of Appropriator) (Address)

   County of Big Horn, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: Domestic and stockwater.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continue since 1940.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10-gals., per-minute.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not applicable.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1940.

   8. The depth of water table: 40-feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No records.

   10. The estimated amount of groundwater withdrawn each year: 50,000-gals.

   11. The log of formations encountered in the drilling of each well if available: Not available.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No records.

   Signature of Owner: By [Signature]
   Date: Dec. 1st, 1953

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
206636

STATE OF MONTANA

County of Big Horn

The within instrument was filed in my office at Hysham, Montana, this

DEC 31 1969

day of

A.D. 19

at 2:09 o'clock P.M.

Harry J. Coop
County Recorder

Ralph Lamph
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Exp & Sons, Inc., of Lodge Grass, (Name of Appropriator) (Address) (Town)
   County of Big Horn State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based Domestic and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gals, per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 10 in. pipe inside 4 in. casing

10. The estimated amount of groundwater withdrawn each year 40,000 gals.

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No record

Exp & Sons, Inc. Signature of Owner
By: Date: Dec. 31st, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Harry L. Wilson
(Lname of Appropriator)

Lodge Grass
(Address)

Big Horn
(Town)

County of
State of
Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: household, livestock, irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 1948, has been used continually ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 gal.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 3 acres - NE ¼, Sec. 10, T. 7S, R. 34E, Harry L. Wilson.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric deep well pumps - 2 wells - NE ¼ NE ¼ Sec. 10, T. 7S, R. 34E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: well no. 1 started & completed in Aug. 1948; well no. 2 started & completed in May 1950.

8. The depth of water table: 8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: well no. 1 drilled to depth of 62 ft. with 6 ft. casing; well no. 2 drilled to depth of 330 ft. with 6 ft. casing.

10. The estimated amount of groundwater withdrawn each year: 250,000 gal. a year.

11. The log of formations encountered in the drilling of each well if available: 0' - 10' silt; 10' - 18' gravel; 18' - 26' light grey shale; 26' - 130' dark grey shale; 130' - 220' light grey shale; 220' - 295' niobrara shale; 295' - 330' dark marine shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: most of the water came in at the dark grey shale.

Signature of Owner: Harry L. Wilson

Date: Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed
In my office at Hardin, Montana, this
DEC 3 1, 1969 day of
A.D. 19

at 9:30 o'clock A.M.,

Harry E. Case
County Recorder

By Jack W. noon, Depurr
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1950
Owner: Harry L. Wilson
Address: Lodge Grass, Mont.
Contractor (if any): none
Address of Contractor: not applicable
Date Started: 1950
Date Completed: 1950

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable: depth to water 3 ft. - excavation
dug 3' deep, 3' wide, 30 ft. long - cement blocks
used on side walls - cement slabs for cover -
seepage water piped to underground galvanized
storage - water then piped to stock tanks in 2
separate pastures.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent,
estimate approximate lengths of periods of use: one gal. a minute
developed - can be measured as it flows from pipe -
near entire amount used during winter months to water
livestock - only partially used in summer.

Signature of Owner: Harry L. Wilson
Date: Dec. 31, 1962

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County: Big Horn
The within instrument was filed in my office at Hardin, Montana, 1st
DEC 3 3 1969
A.D. 19...
at 002 o'clock M.

HARRY E. COPE
County Recorder
Selby David
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

(Developed after January 1, 1962)
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the
form may be returned.

Owner
Address

MONTANA

Date well started
Completed

Type of well
Equipment used

Water Use:
Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Green/Lawn □

*Describe

USE: if used for irrigation, industrial, drainage or other. Explain,
state number of acres and location or other data (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe (In.</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6'14&quot;</td>
<td>0'</td>
<td>21'</td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>P.I.C.</td>
<td>0'</td>
<td>55'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: __ ft.*
Pumping water level: __ ft.*

at __ gallons per minute, measured __ minutes after pumping
began.

*Measured from ground level.

Well developed by __ for __ hours.

Power: __ HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Driller’s Signature

Driller’s Address

LICENSE NO. 231

52,165
239297

CIVIL LAW OF MONTANA (5)

County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this day of
MARCH 5, 1973, A.D. 19

[Signature]

Ray L. Spear

County Recorder

[Handwritten note]
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237, Montana Session Law 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: KENNETH SHINE
Address: LODGE GROVE, File 239297, MONTANA

Date well started: AUG. 10, 1972
Completed: AUG. 11, 1972

Type of well: DRILLED

Equipment used: CHUCK DRILL

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe: 

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of</th>
<th>Depth</th>
<th>Date and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
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</thead>
<tbody>
<tr>
<td>Panel</td>
<td>(Ft)</td>
<td>Well</td>
<td>(Ft)</td>
<td>(Ft)</td>
<td>(Ft) above</td>
</tr>
<tr>
<td>6&quot;</td>
<td>6'1&quot;</td>
<td>0'</td>
<td>21'</td>
<td></td>
<td>4' above</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4'2C.</td>
<td>0'</td>
<td>55'</td>
<td></td>
<td>6' above</td>
</tr>
</tbody>
</table>

Static water level: 20 ft.

Pumping water level: 30 ft.

at: 30 gallons per minute.

Meaning: measured after pumping begins.

*Measured from ground level.

Well developed by CHUCK DRILL.

Power: 1 HP.

Remarks: Gravel packing, cement, packers, type of shutoff.

Driller's Signature: 

Driller's Address: 604 West 2nd St.

License No.: 231.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this
day of
MAR 5, 1973 A.D. 19
2:40 o'clock P.M.

JACK LIPPERT
County Recorder

MARK JONES
Deputy
## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

### Top of Ground

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Depth (ft)</th>
</tr>
</thead>
</table>

### Estimated Annual Withdrawal

**Use:** If used for irrigation, industrial, drainage or other, state number of acres and location or other data (i.e. Lot, Block and Addition).

### Size of Site and From

**Use:** If used for irrigation, industrial, drainage or other, state number of acres and location or other data (i.e. Lot, Block and Addition).

### Drilled Depth (FD) (Feet) Perforations

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
</table>

### Static Water Level

10 ft

### Pumping Water Level

30 ft

**Use:** If used for irrigation, industrial, drainage or other, state number of acres and location or other data (i.e. Lot, Block and Addition).

### Remarks

(Gravel packing, cementing, packers, type of shutoff)...

### Indicate Location of Well and Place of Use, If Possible.

**Each Small Square Represents 40 Acres.**

### Driller's Signature

[Signature]

### Driller's Address

[Address]

### Owner

[Name]

### Address

[Address]

### Date Well Started

1-1-1968

### Completed

1-1-1968

### Type of Well

Drilled

### Equipment Used

Churn Drill

### Water Use

Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

### Description

If used for irrigation, industrial, drainage or other, state number of acres and location or other data (i.e. Lot, Block and Addition).

### Estimated Annual Withdrawal

1,000,000 gal

### Indicate Location of Well and Place of Use, If Possible.

**Each Small Square Represents 40 Acres.**

### Driller's Signature

[Signature]

### Driller's Address

[Address]

### License No.

[Number]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Florence M. Wells
(Name of Appropriator) Lodge Grass
(Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Spring No. 1 stock water, Spring No. 2 stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: prior to 1915 and continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): varies with season.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: not applicable.

8. The depth of water table: water table exposed to point of spring.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: not applicable.

10. The estimated amount of groundwater withdrawn each year: varies with season.

11. The log of formations encountered in the drilling of each well if available: not applicable.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: not applicable.

Signature of Owner: Florence M. Wells
Date: January 2, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this Jan 2, 1964, day at

3:40 P.M.

By Patricia C. Welch
Deputy County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Florence M. Wells
(Name of Appropriator)
Lodge Grass
(Address)

County of Big Horn
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: prior to 1924 and continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): varies with use

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: garden irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: prior to 1924

8. The depth of water table: 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch diameter with 6 inch casing

10. The estimated amount of groundwater withdrawn each year: varies with use

11. The log of formations encountered in the drilling of each well if available: not applicable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: not applicable

Signature of Owner: Florence M. Wells
Date: January 2, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
In my office at Hardin, Montana. this
MAN 9 1923 day of

At 3:35 o'clock A.M.

[Signature]
County Recorder

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>County of</th>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Horn</td>
<td>Florence M. Wells</td>
<td>Lodge Grass</td>
<td></td>
</tr>
</tbody>
</table>

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: **stock water**

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: **prior to 1915 and continuous use**

3. The amount of groundwater claimed (in miner's inches or gallons per minute): **varies with season**

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **not applicable**

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **natural flow**

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **not applicable**

7. The depth of water table: **exposed to point of spring**

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **not applicable**

9. The estimated amount of groundwater withdrawn each year: **varies with season**

10. The log of formations encountered in the drilling of each well if available: **not applicable**

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **not applicable**

Signature of Owner: Florence M. Wells

Date: January 2, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Tripllicate to the School of Mines and Quadruplicate for the Appropriator.

26979
STATE OF MONTANA

County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this
JAN 2 1964 day of

A.D. 19

at 3:30 o'clock C.M.

County Recorder

By

Deputy
## GROUNDWATER INDEX

**County:** Big Horn  
**Twp.:** 75  
**Rge.:** 35E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Nested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Esp & Sons, Inc. of Lodge Green.
   (Name of Appropriator) (Address) (Town)
   County of Big Horn State of Montana.
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: Domestic and stockwater.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1955.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not applicable.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959.

   8. The depth of water table: 40 feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 12 in pipe inside 4 in. casing.

   10. The estimated amount of groundwater withdrawn each year: 40,000 gals.

   11. The log of formations encountered in the drilling of each well if available: Not available.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No records.

   Esp & Sons, Inc.
   Signature of Owner: Henry J. Esp. Vice Pres.
   Date: Dec 1st, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; treble to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Jack Laughey
of Lodge Grass
County of Big Horn
State of Montana

I, Jack Laughey, of the place named above, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is livestock, irrigation and domestic use.

3. The date or approximate date of earliest beneficial use is November 20, 1929, and continuous use has been in combination and beneficial use was on and before 1920. Designated well have been continuous since 1929.

4. The amount of groundwater claimed (in millions of cubic feet or gallons per minute) is Designated Springs 50 gallons per minute, Designated well - 50 gallon per minute designated pumping site - 2000 gallons per minute each.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: NNE, S 1/2 N 1/2 Sec. 23, S 1/2 Sec. 14 T.75, R.35, P.520 acres - Jack Laughey

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal are Designated springs - natural flow designated well - electric pump designated pumping sites - diesel motors and pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater are designated well and pumping sites completed in 1840.

8. The depth of water table is 7 foot depth on well.

9. So far as it may be available, the type, size and depth of each well, the general specifications of the other works for the withdrawal of groundwater are Designated wells - 8' steel casing, 70 foot depth, electric pump designated pumping site - 6' pump - diesel.

10. The estimated amount of groundwater withdrawn each year is adequate water for 100 head cattle, 400 head sheep, domestic use and irrigation water for 520 acres.

11. The log of formations encountered in the drilling of each well if available is None available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record is None available.

Signature of Owner: Jack Laughey
Date: December 20, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate to the Appropriator.
STATE OF MONTANA } ss.
County of Big Horn } ss.
The within instrument was filed
in my office at Hardin, Montana, this
DEC 21 1982 day of

A.D. 19

at N. 12 o'clock P.M.

/S\s

[Signature]

County Recorder
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**State Engineer**

1. **Jack Laugher**, Lodge Grass

   - *County of:* Big Horn  
   - *State of:* Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is **livestock, irrigation and domestic use**.

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   - **400 sheep per minute**
   - **irrigation from pumps in Section 23, T 7 S, R 3 E**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

   - **4000 gallon per minute**
   - **6000 gallon per minute**
   - **Designated wells - natural flow designated wells - electric pumps**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

   - **Irrigation from pumps in Section 23, T 7 S, R 3 E**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:

   - **Designated springs - natural flow designated wells - electric pumps**

7. The date of commencement and completion of construction of the well, wells, or other works for withdrawal of groundwater:

   - **Designated wells completed 1929**

8. The depth of water table:

   - **7 foot depth in wells**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

   - **Designated wells - 8" steel casing**
   - **seven foot depth, electric pump**

10. The estimated amount of groundwater withdrawn each year:

    - **Adequate water for 400 head cattle, 400 sheep, and domestic use**

11. The log of formations encountered in the drilling of each well if available:

    - **None available**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

    - **None available**

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**Signature of Owner**

*Jack Laugher*

*Date:* December 20, 1962

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Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Geology for the Appropriation.